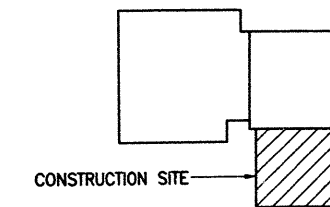


NOTES

1. FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES, SEE DWG. E-1. FOR INSTALLATION DETAILS, SEE DWGS. E-2 AND E-4. FOR WIRING DIAGRAMS, SEE DWGS. E-3 AND E-4.
2. NOT USED.
3. NOT USED.
4. CONTRACTOR SHALL REMOVE EXISTING SPEAKERS ONLY AFTER INSTALLED DEVICES ARE OPERATIONAL.
5. FOR REMOVAL AND PATCHING PLAN DETAILS (P-1, P-2, P-3 & P-4), SEE DWG A-1.
6. ALL REMOVED SPEAKERS SHALL BE RETURNED TO THE ENGINEER.
7. ALIGN CENTER LINES OF SPEAKERS (ON WHICH WORK IS TO BE DONE IN THE CORRIDORS) TO THE CENTER LINE OF THE CORRIDOR. IN CASE OF CONFLICT WITH EXISTING CEILING LIGHTING AND GRILLS, FINAL LOCATION OF SPEAKERS SHALL BE ADJUSTED WITH THE APPROVAL OF THE ENGINEER.
8. SINCE FIRE ALARM CIRCUIT LENGTH IS CRITICAL, ROUTING AND INSTALLATION OF ALL FIRE ALARM CIRCUITS SHALL BE AS SHOWN ON DRAWING.
9. COORDINATE REMOVAL OF ALL SPEAKERS WITH ENGINEER. DISCONNECT AND ABANDON EXISTING SPEAKER CIRCUITS IN CEILING. TAPE ENDS OF ABANDONED CONDUCTORS AND TAG AS ABANDONED. THIS WORK SHALL BE DONE IN THE PRESENCE OF THE ENGINEER.
10. REPLACE EXISTING SPEAKER WITH THE SHOWN, WATTAGE RATED SPEAKER, AND REWIRE AS SHOWN. EXISTING BACKBOX CAN BE UTILIZED IF IT IS SIMILAR TO THE TYPICAL SPEAKER BOX. SEE INSTALLATION DETAIL 'A'.

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. WTC-861.573 IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE 2/1/90 [Signature]
DATE 2/1/90 [Signature]
CONTRACT ENGINEER ARCH.
ENGINEERING PROGRAM MGR.



KEY PLAN
N.T.S.

0 12 24
SCALE IN FEET

THE PORT AUTHORITY
OF NEW YORK AND NEW JERSEY

[Signature]
ENGINEERING PROGRAM MANAGER
WORLD TRADE CENTER
CHIEF ELECTRICAL ENGINEER

No.	Date	Revision	Approved
ENGINEERING DEPARTMENT			
WORLD TRADE CENTER			
ELECTRICAL			
Title			
FIRE ALARM SYSTEM DEVICE UPGRADE PHASE III 5 WTC 3rd, 4th, 5th & 6th FLOORS			
4th FLOOR SPEAKER LAYOUT INSTALLATION AND REMOVAL WEST PART PLAN			
This drawing subject to conditions in Contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.			
FELDSTEIN		APOSTLE	A.S.
Designed by		Drawn by	Checked by
NOVEMBER 26, 1989			
Date			
WTC-861.573		E-04-2S	
Contract Number		Drawing Number	

ENGINEERING DEPARTMENT

**WORLD
TRADE
CENTER**

ELECTRICAL

Title
FIRE ALARM SYSTEM
DEVICE UPGRADE
PHASE III
5 WTC 3rd, 4th, 5th & 6th FLOORS

4th FLOOR
SPEAKER LAYOUT
INSTALLATION AND
REMOVAL
WEST PART PLAN

This drawing subject to conditions in Contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

FELDSTEIN APOSTLE A.S.
Designed by Drawn by Checked by

NOVEMBER 26, 1989
Date

WTC-861.573 E-04-2S
Contract Number Drawing Number